Attorney Docket No. 5308-311

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

re: Gerald H. Negley et al.

Application Serial No.: 10/659,108

Filed: September 9, 2003

For: S

SOLID METAL BLOCK MOUNTING SUBSTRATES FOR SEMICONDUCTOR

LIGHT EMITTING DEVICES, AND OXIDIZING METHODS FOR

**FABRICATING SAME** 

November 11, 2003

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## INFORMATION DISCLOSURE STATEMENT PURSUANT TO 37 C.F.R. § 1.97(b)

Sir:

Attached is a form PTO-1449, together with a copy of each of the identified document(s). It is requested that these documents be considered by the Examiner and officially made of record in accordance with the provisions of 37 C.F.R. § 1.56 and Section 609 of the MPEP. This Information Disclosure Statement is submitted in accordance with 37 C.F.R. § 1.97(b), within three months of the filing date of the above-referenced application or before the mailing of a first Office Action on the merits, whichever event occurs last. Therefore, no fee is believed due. However, the Commissioner is hereby authorized to charge

any deficiency or credit any overpayment to Deposit Account No. 50-0220.

Ciencertos

Respectfully submitted

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I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on November 1, 2003.

Susan E. Freedman

Date of Signature: November 11, 2003

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STATEMEN	NT BY APPLICANT		//First Named Inventor	Gerald H. Negley	
0.7,1.2			Group Art Unit		
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Sheet 1	of	2	Attorney Docket Number	5308-311	

Fuernines	Cite No.			AND PATENT PUBLICATIONS	Date of Bublication of Cites	
Examiner nitials*	Cite No.	U.S. Patent Document  Number Kind Code (if known)		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	
	1	US-2003/0006418	A1	Emerson et al.	01/09/2003	
	2	US-2002/0123164	A1	Slater, Jr. et al.	09/05/2002	
	3		B1	Evans et al.	05/21/2002	
	4	US-6,391,231	B1		05/07/2002	
	5	US-6,383,417		Paulson et al. Soules et al.		
		US-6,252,254	B1 B1		06/26/2001	
	<u>6</u>   7	US-6,201,262	B1	Edmond et al.	03/17/2001	
		US-6,187,606		Edmond et al.		
	8	US-6,177,688	B1	Linthicum et al.	01/23/2001	
	9	US-6,156,242		Saito et al.	12/05/2000	
	10	US-6,120,600		Edmond et al.	09/19/2000	
	11	US-6,069,440		Shimizu et al.	05/30/2000	
	12	US-5,968,422	-	Kennedy	10/19/1999	
	13	US-5,959,316	-	Lowery	09/28/1999	
	14	US-5,912,477		Negley	06/15/1999	
_	15	US-5,882,553	ļ	Prophet et al.	03/16/1999	
	16	US-5,858,278		Itoh et al.	01/12/1999	
	17	US-5,813,753		Vriens et al.	09/29/1998	
	18	US-5,753,730		Nagata et al.	05/19/1998	
	19	US-5,739,554		Edmond et al.	04/14/1998	
	20	US-5,631,190		Negley	05/20/1997	
	21	US-5,604,135		Edmond et al.	02/18/1997	
	22	US-5,523,589		Edmond et al.	06/04/1996	
	23	US-5,416,342		Edmond et al.	05/16/1995	
	24	US-5,393,993		Edmond et al.	02/28/1995	
	25	US-5,374,668		Kanemura et al.	12/20/1994	
	26	US-5,338,944		Edmond et al.	08/16/1994	
	27	US-5,277,840		Osaka et al.	01/11/1994	
	28	US-5,210,051		Carter, Jr.	05/11/1993	
	29	US-5,143,660		Hamilton et al.	09/01/1992	
	30	US-5,110,278		Tait et al.	05/05/1992	
	31	US-5,087,949		Haitz	02/11/1992	
	32	US-5,027,168		Edmond	06/25/1991	
	33	US-4,966,862		Edmond	10/30/1990	
	34	US-4,918,497		Edmond	04/17/1990	
	35	US-4,826,424		Arai et al.	05/02/1989	
	36	US-4,562,018		Neefe	12/31/1985	
	37	US-4,141,941		Travnicek	02/27/1979	
	38	US-4,107,238		Roper et al.	08/15/1978	
	39	US-4,042,552		Grucza	08/16/1977	
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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Application Number	10/659,108				
Filing Date	09/09/2003				
First Named Inventor	Gerald H. Negley				
Group Art Unit					
Examiner Name					
Attorney Docket Number	5308-311				

				FOREIGN F	PATENT DOCUMENTS		
Examiner Initials*	Cite No.	Office	Foreign Patent Do	Kind Code (if known)	Name of Patentee or Applicant of Cited  Document	Date of Publication of Cited Document MM-DD-YYYY	Ť
	40	JP	2003-17755	A	Nichia Chem Ind Ltd.	01/17/2003	
	41	JP	2002-280616	Α	Nichia Chem Ind Ltd.	09/27/2002	
	42	JP	2002-223004	Α	Nichia Chem Ind Ltd.	08/09/2002	
	43	wo	02/059982	A1	Nichia Corporation	08/01/2002	
	44	JP	2002-158378	Α	Nichia Chem Ind Ltd.	05/31/2002	
	45	JP	2002-118293	Α	Nichia Chem Ind Ltd.	04/19/2002	
	46	JP	2001-230453	Α	Nichia Chem Ind Ltd.	08/24/2001	
	47	JP	2001-144334	Α	Nichia Chem Ind Ltd.	05/25/2001	
	48	JP	2001-77433	Α	Nichia Chem Ind Ltd.	03/23/2001	
	49	JP	2001-77427	Α	Nichia Chem Ind Ltd.	03/23/2001	
	50	JP	2000-286455	Α	Nichia Chem Ind Ltd.	10/13/2000	
	51	JP	2000-286458	Α	Nichia Chem Ind Ltd.	10/13/2000	
	52	JP	2000-183405	Α	Nichia Chem Ind Ltd.	06/30/2000	
	53	JP	2000-174347	Α	Nichia Chem Ind Ltd.	06/23/2000	
	54	JP	2000-101147	Α	Nichia Chem Ind Ltd.	04/07/2000	
	55	JP	11-298047	Α	Nichia Chem Ind Ltd.	10/29/1999	
	56	JP	11-261114	Α	Nichia Chem Ind Ltd.	09/24/1999	
	57	JP	10-242513	Α	Nichia Chem Ind Ltd.	09/11/1998	
	58	JP	9-246603	Α	Nichia Chem Ind Ltd.	09/19/1997	
	59	JP	8-162676	Α	Nichia Chem Ind Ltd.	06/21/1996	
	60	JP	6-244458	A	Nichia Chem Ind Ltd.	09/02/1994	
	61	JP	6-177429	Α	Nichia Chem Ind Ltd.	06/24/1994	
	62	JP	6-151974	Α	Nichia Chem Ind Ltd.	05/31/1994	
	63	JP	5-152609	Α	Nichia Chem Ind Ltd.	06/18/1993	

		OTHER NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T
	64	Craford, Overview of Device Issues in High-Brightness Light-Emitting Diodes, Chapter, High Brightness Light Emitting Diodes: Semiconductors and Semimetals, Vol. 48, Stringfellow et al. ed., Academic Press, 1997, pp. 47-63	
	65	Loh, Power Surface Mount Light Emitting Die Package, USSN 10/446,532, 05/27/2003	1
	66	Slater, Jr. et al., Phosphor-Coated Light Emitting Diodes Including Tapered Sidewalls and Fabrication Methods Therefor, USSN 60/411,980, 09/19/2002	
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